

NTFMaker Operations Manual

2014/11/07

Version 1.0

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1 Introduction

This document describes how to use NTFMaker, a tool for creating the NTF file that is required in order to create a development amiibo NFC tag.

Refer to the separate documentation regarding the specifics of writing the NTF file data to an NFC tag and other information about amiibo figures.

Note: The NTF files created by this tool are only intended for use in writing to tags. Please do not use them for any other purpose.

1.1 Overview

NTFMaker provides the following features.

- Creates tag data images (NTF files) for development.

You can specify certain data that is written to an amiibo at the time of manufacture, such as the character ID, to create an arbitrary ID that you can use to develop or debug amiibo-compatible software.

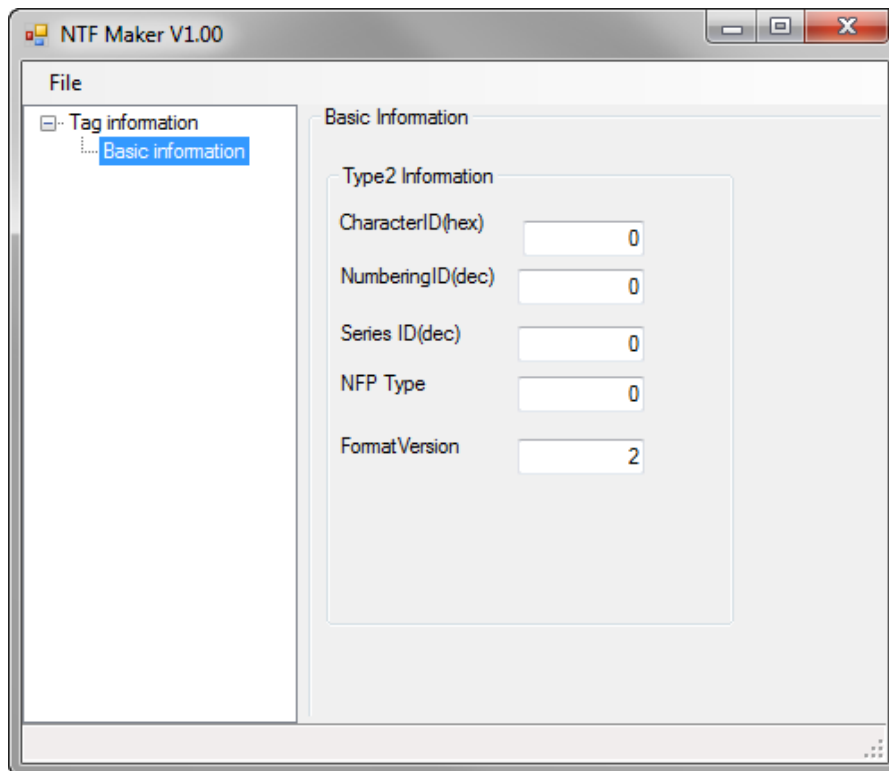
1.2 Installation

Install NTFMaker by following the steps below.

1. Unzip this package in any directory.
2. Run `NTFMaker.exe` in the extracted directory.

1.3 Organization

The following window appears when you run `NTFMaker.exe`.

Figure 1-1 NTFMaker Window

2 Basic Operations

2.1 The File Menu

The following operations listed in Table 2-1 can be performed from the **File** menu.

Table 2-1 File Menu

Feature name	Description
Output NTF file	Outputs an NTF file based on the content of the Basic Information section.

Note that the application does not support saving temporary data.

2.2 Basic Information

Enter data in the **Basic Information** section to configure the following.

Table 2-2 Basic Information Settings

Item	Description
CharacterID (hex)	Enter the desired character ID as a 3-byte (six-digit) hexadecimal value. Enter using characters 0-9, a-f, and A-F. (Do not enter any leading 0x characters.) Values shorter than six digits are padded on the left with zeroes.
NumberingID (dec)	Enter the desired numbering ID as a 2-byte decimal value. Enter a value from 0 to 65535.
SeriesID (dec)	Enter the desired series ID as a single-byte decimal value. Enter a value from 0 to 255.
NFP Type	Enter the desired NFP type as a single-byte decimal value. Enter a value from 0 to 255.
Format Version	Enter the format version of the data to write to the tag as a single-byte decimal value. This currently only supports a value of 2. Enter a value other than 2 to create a tag with a different format version. Entering a value other than 2 causes a pop-up warning to appear, but the value is configured correctly. Setting a value other than 2 results in a verification error when using NOFTWriter to write the NTF file data to a tag. (Similarly, the data is still written to the tag.)

For details on the various IDs, see the separate amiibo Artwork package.

3 Errors/Warnings

3.1 Error Check when Entering Data

If any required fields are left blank or any mistakes are found when entering data, an error mark will appear by the field. Verify the error message by hovering over the error mark so you can enter the correct value in the field.

The software is designed to pop up a warning message on input errors, such as when entering a value beyond the allowed values, or entering a character not allowed in the value string.

3.2 Error Checking when Outputting NTF Files

Select **Output NTF file** from the **File** menu to run an error check on the data entered.

If any fields contain problems, a pop-up warning appears and no NTF file is output. Check the relevant fields and reconfigure as appropriate.

Revision History

Version	Revision Date	Category	Description
1.0	2014-11-07	—	Initial version.

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